



**US Army Corps
of Engineers®**

Engineer Research and
Development Center

Topographic Engineering Center Geospatial Intelligence Pilot-Korea (GIP-K) Participation

Background

GIP-K is an initiative from the National Geospatial-Intelligence Agency that was started this year to create a comprehensive set of digital mapping data over the entire Korean peninsula to support USFK command and control, analysis and combat needs in a Theater Effects Based Operations environment. The Geospatial Information and Imagery Requirements Branch from the Topographic Engineering Center along with Army G2, TPIO-TD and OCE-P are the army representatives to this initiative

Goals

- Demonstrate end-to-end data management & support defined by the Geospatial Transition Plan (GTP)
- Demonstrate on-demand printing
- Demonstrate reduced requirement for Hard copy inventory (remote replication)
- Assess NGA support Team resources
- Aggressively build strategic relationships and partnerships
- Refine lines of demarcation
- Demonstrate a solution that can be replicated in other areas

Benefits

A comprehensive set of digital mapping data over the entire peninsula to support USFK command and control, analysis and combat needs in a Theater Effects Based Operations environment. A basic capability to rapidly turn that digital data into paper products for customization and dissemination throughout the theater.

- A digital data library system to USFK staff to search, access and retrieve this data in a timely manner.
- Software tools to help USFK exploit and visualize this information in their C4I environment.
- Additional imagery exploitation expertise in such fields as NK ballistic missiles, WMD, infrastructure and order of battle to support intelligence and net assessments
- Improved reach-back capabilities to allow improved access to this NGA analytical expertise.

Army Expectations

- Establish process and define responsibilities for distributed printing and on-demand replication.
- Develop a migration strategy (product improvement) from existing hardcopy and softcopy of today to future hardcopy and softcopy.
- Improve CADRG quality.
- Synchronize hardcopy, softcopy raster and softcopy vector distribution.
- Emphasize and reestablish a requirements-based production process.
- Show plans/develop CONOPs to support TGD, GPLs or GILs.
- Develop procedures to incorporate and share field generated data

TEC POC

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